

group consisting of quercetin, myrisetin, genistein and kaempferol.

(NE) 6. The composition according to claim 1, wherein said olive oil contains omega fatty acids and alpha-tocopherol.

(C) 7. The composition according to claim 24, said composition being for oral use, comprising 300 mg each of non-bovine chondroitin sulfate C, quercetin and D-glucosamine sulfate, in kernel olive oil.

(NE) 8. The composition according to claims 7 or 24, further comprising 100 mg of S-adenosylmethionine.

(C2) <sup>Sub D2</sup> 9. The composition according to claim 1, wherein said inflammatory disease is arthritis and said composition is contained in an ointment or cream for topical application, comprising, in mg%, chondroitin sulfate 5, and one or more of; D-glucosamine sulfate, 5; quercetin 3; and kernel olive oil, 15.

10. The composition according to claim 9, further comprising diphenhydramine, 5mg%.

11. A composition according to claim 1, said composition consisting of a mouth wash composition, comprising chondroitin sulfate, 0.4M, and one or more of D-glucosamine sulfate, 0.4M; quercetin, 0.3M; and S-adenosylmethionine, 0.15M; in a mouth wash vehicle.

12. A composition according to claim 1, said composition consisting of a tooth paste, comprising, in mg%, chondroitin sulfate, 5; and one or more of D-glucosamine sulfate, 5; and quercetin, 3; in a tooth paste vehicle.

(NE) 13. A composition according to claim 1, said composition consisting of a sunscreen composition, comprising, in mg%, chondroitin sulfate, 5; and one or more of D-glucosamine sulfate, 5; quercetin, 3; and titanium dioxide, 5; in a sun screen vehicle.

22. A method of treating a subject suffering from an inflammatory disease, wherein said inflammatory disease results from biomolecules secreted from activated and degranulated mast cells, said inflammatory disease being selected from the group consisting of osteoarthritis, cancer, fibromyalgia, atherosclerosis, inflammatory bowel disease, interstitial cystitis, irritable bowel syndrome, migraines, angina, chronic prostatitis, eczema, arthritis, multiple sclerosis, psoriasis, sun burn, and periodontal disease, comprising the step of administering to said subject an effective amount of a composition according to claim 1.

23. The composition according to claim 1, wherein said histamine-1-receptor

antagonist is diphenhydramine.

24. The composition according to claim 1, wherein said inflammatory disease is arthritis and said composition is designed for oral administration, comprising non-bovine chondroitin sulfate, quercetin, D-glucosamine sulfate, and kernel olive oil.

(RE) 25. The composition according to claim 9, comprising, in mg%, chondroitin sulfate, 5; D-glucosamine sulfate, 5; quercetin, 3; in kernel olive oil.

26. The composition according to claim 1 for oral use in allergic conditions, comprising chondroitin sulfate and a flavonoid selected from the group consisting of quercetin, myricetin and kaempferol, in kernel olive oil.

(OB) 27. The composition according to claim 26, comprising 200 mg each of chondroitin sulfate and kaempferol in kernel olive oil.

28. The composition according to claim 26, comprising chondroitin sulfate and myricetin in kernel olive oil.

29. The composition according to claim 28, supplemented with a histamine-1-receptor antagonist.

30. The composition according to claim 29, wherein said antagonist is diphenhydramine.

31. The composition according to claim 1, wherein said inflammatory disease is cancer and wherein said composition is designed for oral use, comprising 25-50 mg of genistein and 150-300 mg of quercetin, in kernel olive oil.

(NE) 32. The composition according to claim 1, wherein said inflammatory disease is atherosclerosis with or without myocardial ischemia, comprising 100-300 mg each of chondroitin sulfate, myricetin and S-adenosylmethionine, in kernel olive oil, in a vehicle for oral use.

33. The composition according to claim 1, wherein said inflammatory disease is interstitial cystitis, said composition comprising 100-300 mg of chondroitin sulfate, 100-300 mg of hyaluronic acid, and 200-400 mg quercetin, in kernel olive oil, in a vehicle for oral use.

34. The composition according to claim 1, wherein said inflammatory disease is prostatitis, said composition comprising 100-200 mg of chondroitin sulfate, 100-200 mg of hyaluronic acid and 200-400 mg of quercetin, in kernel olive oil, in a vehicle for oral use.

35. The composition according to claim 1, wherein said inflammatory disease is multiple sclerosis, said composition comprising 100-300 mg each of chondroitin sulfate,